

MAXIOCEL - 100% CHITOSAN WOUND DRESSING ON VENOUS LEG ULCER

Center

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Patient details	67 years , Male
Diabetes	Yes
Nicotine Consumption	No
Localized Infection	Yes
Nutritional Status	Well - nourished
Co-morbidities	Hypertension, Varicose vein
Previous Medication	2 previous surgeries were done and regular dressings with gauze pads continued
Wound History	Patient suffering from Multiple Leg Ulcers for 8 months (Chronic) Ulcers were on both foot which measured 80mm X 50mm X 5mm (length X width X depth) Patient received regular gauze dressings and the pain score was very high

Initial wound bed evaluation

Infection (Local Factors)	Yes	No	Exudate	Dry	Low	Medium	High
Exudate	■		Levels			■	
Erythema	■						
Malodorous	■		Exudate	Watery	Cloudy	Thick	Purulent
Pain	■		Type			■	Red
Oedema	■						



Wound before using MaxioCel

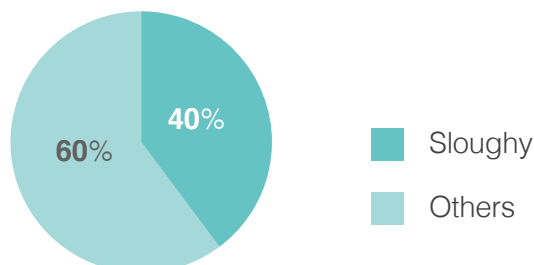


Using MaxioCel on the wounds



Wound improvement after 2 weeks

Tissue type



Wound management goals

Parameters	Yes	No
Debridement		
Infection Prevention		
Exudate Management		
Optimum Moisture Maintenance		
Protect granulation tissue / Epithelializing tissue		

End report

No of MaxioCel dressings done	2
Frequency of MaxioCel dressings	Alternate days
MaxioCel Variant used	10cm X 10cm
Final day wound condition	At the end of 2 weeks, there was desloughing and wound was granulated

Result

Patient Outcome with MaxioCel	Ease of Application / Removal	Anti-microbial barrier	Wound adherence	Conformability	Wound scar improvement	Pain management
Excellent						
Good						
Fair						
Poor						

Discussion

- Venous leg ulcers (VLUs) are defined as open lesions between the knee and ankle joint that occur in the presence of venous disease. They are the most common cause of leg ulcers, accounting for 60-80% of them. The prevalence of VLUs is between 0.18% and 1%. Over the age of 65, the prevalence increases to 4%. On an average 33-60% of these ulcers persist for more than 6 weeks and are therefore referred to as chronic VLUs.*
- MaxioCel is a non-woven microfibre dressing made up of 100% Chitosan, is highly absorbent antimicrobial dressing with pain reduction and scar improvement properties. It can be used for moderate to heavily exuding wounds of varied depth, shape and size.
- Overall, MaxioCel was also found to be an excellent chitosan wound dressing in patients suffering from Venous Leg Ulcers

* Indian Dermatol Online J. 2014 Jul-Sep; 5(3): 366-370.